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# ***Part 1:***

## ***Installation and Setup***

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# 1-1 System Requirement

Although processing large image files places heavy demands on host computers, Roland COLORIP will run reliably on old and slow computers with as little as 64 megabytes of memory. However, this does not mean that it is a good idea to use such an old computer, because slower systems will not likely be able to provide adequate speed to drive the latest printers.

We recommend as fast computer system as possible. The principle to keep in mind is that the faster the CPU, the faster the software will process your images. Therefore, it is advisable to buy the fastest computer you can. While more RAM will also help speed up the processing, it is the speed of the CPU that directly affects how fast the software runs. If you are processing large files over 100 MB in size, it is advisable to upgrade to 256 or 512 MB of memory.

## MINIMUM SYSTEM REQUIREMENTS

- Pentium 133 MHz CPU
- 64 MB RAM
- 2 Gigabyte Hard Drive
- Windows 2000 or XP

## RECOMMENDED SYSTEM REQUIREMENTS

- Pentium4 1500 MHz CPU or faster
- 256 to 512 MB RAM
- 40 Gigabyte or larger Hard Drive
- Windows 2000 or XP



### Point

#### Available Operating Systems

Although Roland COLORIP will run under Windows 2000/XP, it will not run on a Macintosh. If you use Apple computers to create your images, you can use PC-to-Mac connectivity software, such as Miramar's PC MacLAN, Thursby's Dave, or Windows 2000 Server to connect your Mac and PC over a network.

## Network Connections

It has become common to connect high-end inkjet printers via ethernet. What is overlooked is that a single high-end inkjet printer can demand well over 500 kilobytes per second for long periods of time. This is a sustained data-rate that can seriously impact your network, especially if you are set up with an older 10Base-T arrangement. Data may then fail to reach your printer fast enough, causing problems such as pausing of the print head.

For network printing, we recommend the use of 100Base-T ethernet cards that install on the PCI bus of the computer running Roland COLORIP. We also suggest the use of 100Base-T switches (not hubs).

You should consider connecting Roland COLORIP to these printers on an isolated network with its own switch and cables, and with a dedicated network card in the computer running the Roland COLORIP software. Isolating heavy traffic will improve overall network performance.

# 1-2 Installing COLORIP

## Installing COLORIP

### PROCEDURE

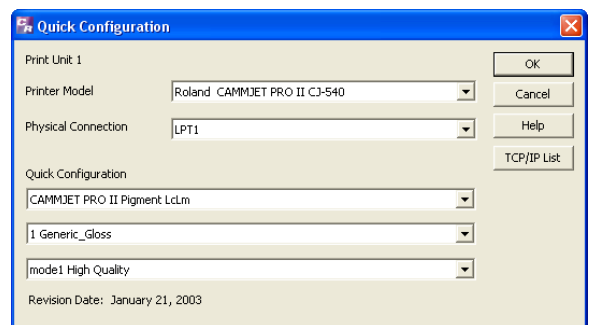
- 1 Insert the Roland COLORIP CD-ROM in the appropriate CD-ROM drive. The setup menu appears automatically. Click [Yes].
- 2 Follow the on-screen setup instructions, click [OK] to proceed. Installation finishes.
- 3 Start COLORIP. Click [Start] and then click [Program] - [Roland] - [Roland COLORIP].
- 4 From the [Language] menu, choose the suitable language for the interface language.

## Connecting Printers

The computer in which COLORIP has been installed (the RIP server) connects with a printer using an ethernet cable. You can connect them directly or via a network.

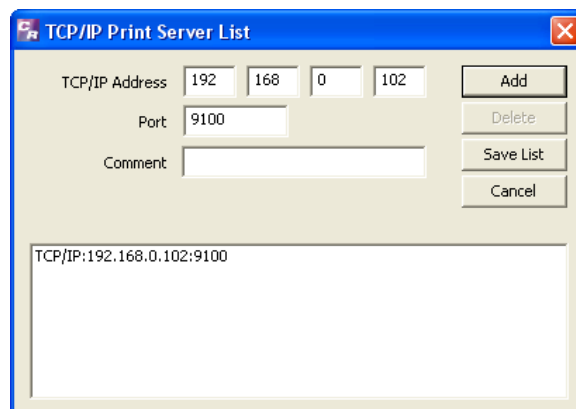
### PROCEDURE

- 1 Click the [Configure] menu on the top of the main screen. The [Quick Configuration] screen appears.
- 2 Click on the down arrow in the [Printer Model] window and choose the printer you're using.
- 3 Choose the ink you're using on your printer.
  - Pigment Ink (Light Cyan, Light Magenta):  
["Printer model name" Pigment LcLm]
  - Pigment Ink (Orange, Green):  
["Printer model name" Pigment OrGr]
  - SOL INK (Light Cyan, Light Magenta):  
["Printer model name" SOLINK LcLm]
- 4 Choose the media and the print mode that are often used usually. You can change this setting at any time.



(Continued on the next page.)

- 5 Click [TCP/IP list]. Enter the IP address of the destination (the IP address you assign to the printer (Roland-PrintServer)) into the [TCP/IP Address] window. In case of the Roland-PrintServer, enter "192.168.0.102" into the [TCP/IP Address] window. In case of the Roland-PrintServer, enter "9100" into the [Port] window. Click [Add] and click [Save List].
- 6 For [Physical connection], choose the IP address of the destination (for example, TCP/IP: 192.168.0.102:9100) and click [OK].



### Point

#### "LPT1" Connection

When driving a printer directly from a PC (non-networked) through any Windows operating system, it is possible to simply select the LPT1 port in the Physical Connections window. However, this can cause interruptions of data-flow to the printer, which is a common cause of "banding" problems.



# 1-3 Setting up the Client Computer

The computer for creating image files is called a client computer. It is useful for passing image files to connect the client with the RIP server (the computer which is installed the RIP software) via a network. One computer can work as the client and the RIP server at the same time.

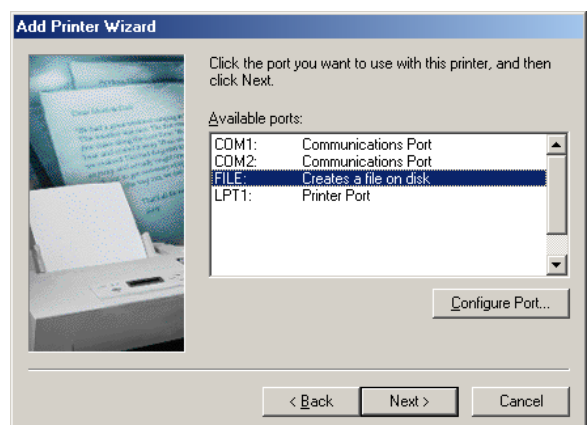
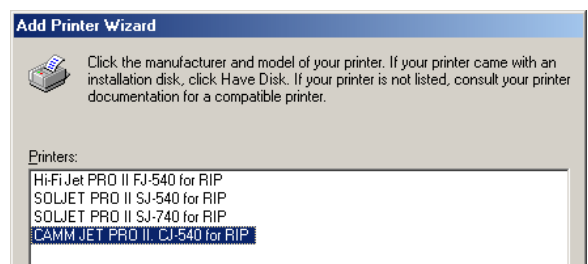
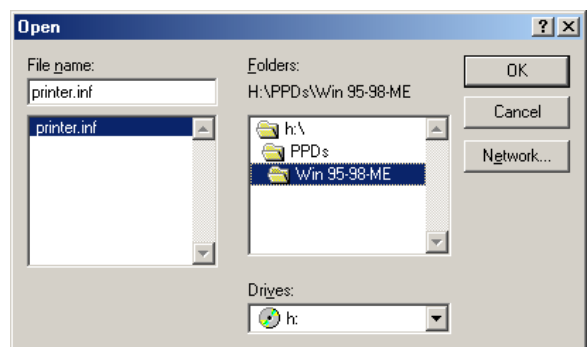
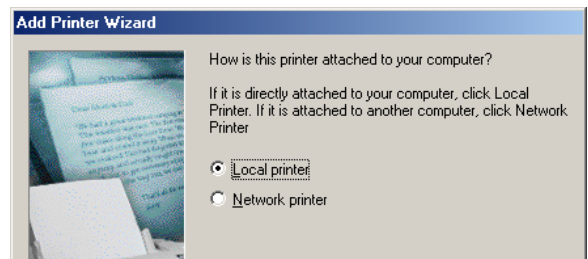
COLORIP can handle image files such as PostScript, EPS, and Tiff. However, you need to install the PostScript driver on the client when creating PostScript files.

## Windows Client

### Windows 95/98/Me

- 1** Insert the Roland COLORIP CD-ROM in the appropriate CD drive. Although the setup menu appears automatically, click [X] button to exit the menu.
- 2** Go to the [Start] menu, click [Settings] - [Printers].
- 3** Double-click on the [Add Printer] icon. The Add Printer Wizard will appear. Click [Next].
- 4** Choose [Local printer]. Click [Next].
- 5** Click on [Have Disk] and then [BROWSE] to the Roland COLORIP CD-ROM. On the CD there is a folder called x:\PPDs\Win95-98-ME. Click on the printer.inf file and then click on [OK], and [OK] again.
- 6** Choose your printer model. Click [Next].
- 7** On the next screen you will be asked what Port to print to. Choose [File:]. Click [Next].
- 8** Run through the next few steps of naming the printer and printing a test page (optional) and you will get to the screen with the button labeled [Finish]. When you click [Finish], a whirl of activity ensues as Windows copies the necessary files and installs the new printer.

You have completed the setup of a PPD on the Windows. You can now access the printer, as you would any other printer from any application on the Windows.



### Windows NT/2000/XP

**1** Insert the Roland COLORIP CD-ROM in the appropriate CD drive. Although the setup menu appears automatically, click [X] button to exit the menu.

**2** Windows XP:  
From the [Start] menu, open [Control Panel] then click [printers and Other Hardware]. Click [Printers and Faxes] and click [Add a Printer].

Windows NT4.0 or 2000:

Go to the [Start] menu, click [Settings] - [Printers]. Double-click [Add Printer] icon.

**3** The Add Printer Wizard will appear. Click [Next].

**4** Choose [Local printer]. Click [Next].

**5** On the next screen you will be asked what Port to print to. Choose [File:]. Click [Next].

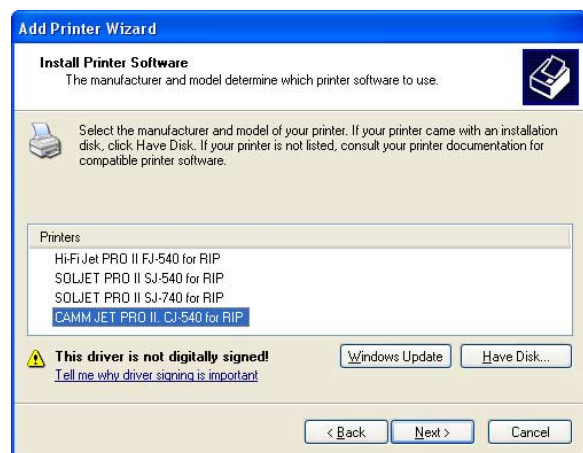
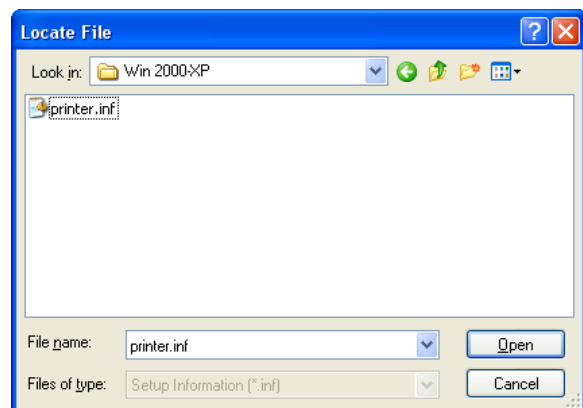
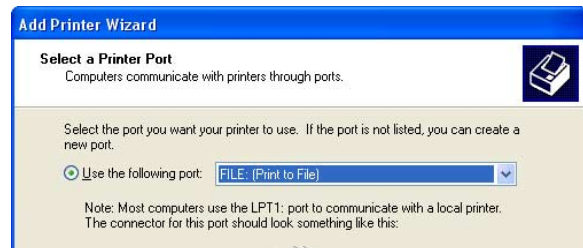
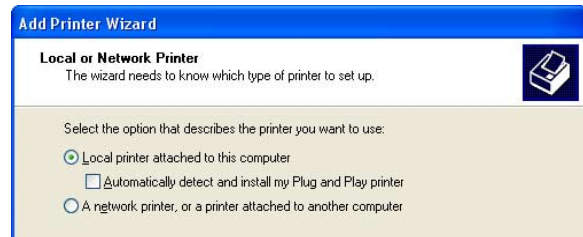
**6** Click on [Have Disk] and then [BROWSE] to the Roland COLORIP CD-ROM.  
On the CD, open the "x:¥PPDs¥WinNT4" or "x:¥PPDs¥Win2000-XP" folder.  
Click on the printer.inf file and then click on [OK], and [OK] again.

When you are using under Windows NT4.0, open the "x:¥PPDs¥WinNT4" folder. When you are using under Windows 2000 or XP, open the "x:¥PPDs¥Win2000-XP" folder.

**7** Choose your printer model. Click [Next].

**8** Run through the next few steps of naming the printer and printing a test page (optional) and you will get to the screen with the button labeled [Finish]. When you click [Finish], Windows will copy the files install the new printer.

You have completed the setup of a PPD on the Windows, you can now access the printer, as you would any other printer from any application on the Windows.



### Macintosh Client

If you are using Macintosh, use the Laser Writer 8 and the like as the driver. If you specify the destination as a "File", the PostScript file is saved.

You can find PPD files for Macintosh on the Roland COLORIP CD-ROM, in the "x:¥PPDs¥Mac" folder,.

## ***Part 2:***

# ***Getting Started***

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# 2-1 Basic Operation for Printing

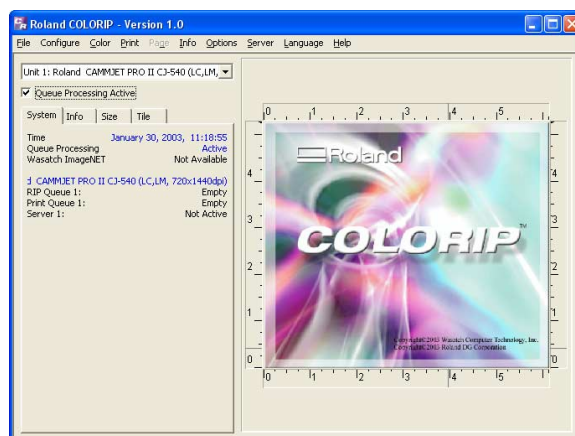
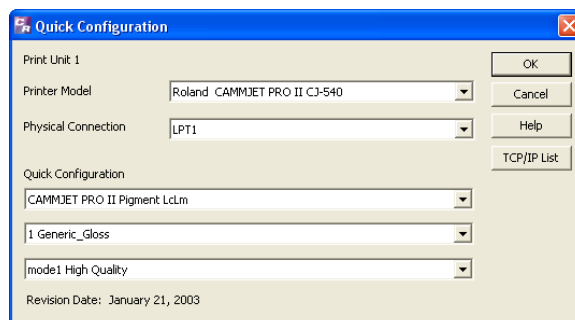
This chapter shows that the basic procedures for opening an image file into COLORIP and printing it.

## Step 1: Open Image Files

### PROCEDURE

- 1 Click [Configure]. The [Quick configuration] screen appears.
- 2 Choose the media and the print mode and then click [OK].
- 3 Select [File] from the main screen and click [Open]. Choose your file from the appropriate folder and open it.

The image will appear in the large box that occupies the right side of the main screen.



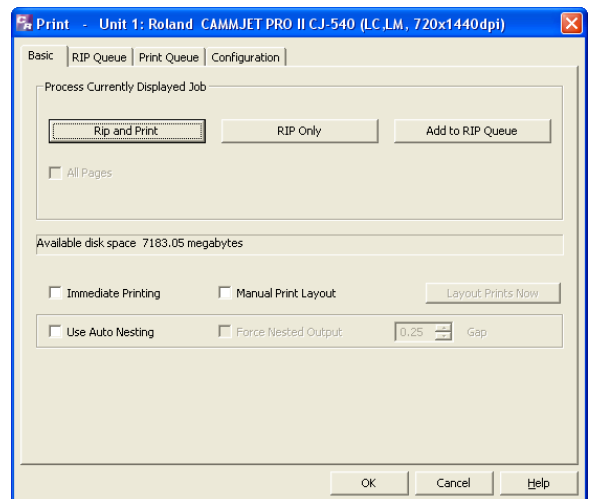
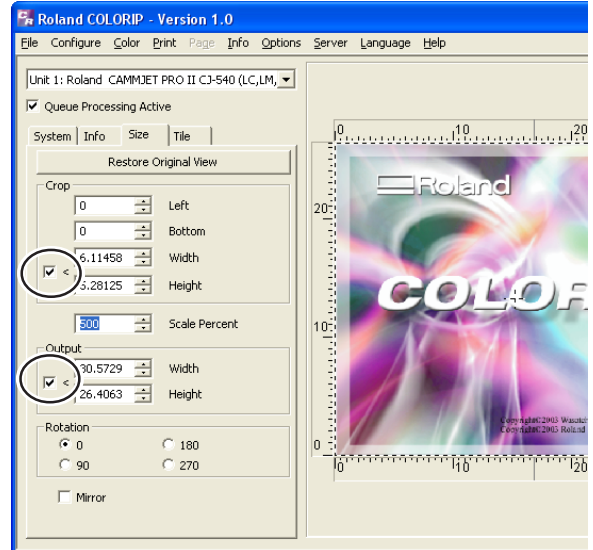
### Point

We recommend the media and the print mode is chosen after deleting all jobs. Changing a configuration without deleting all jobs may cause bad printing. For more information about deleting jobs, please refer to "Step 3: Deleting Jobs."

## Step 2: Scaling and Printing

### PROCEDURE

- 1 Click the [Size] tab on the left upper corner of the main screen.
- 2 Enlarging or reducing an image is available if needed. Check the box as shown in the figure and then enter a new value in the [Scale Percent] window in percentage terms. You can also enter a new value in the [Width] and the [Height] window directly.  
Then press [Enter] on the keyboard.
- 3 Make sure that the [Queue Processing Active] box in the upper left of the main screen is checked.
- 4 Select [Print] from the Main Screen and then the [Basic] tab. Leave the other options on this page unchecked at this time.
- 5 On the [Basic] tab, click the [RIP and Print].
- 6 Click [OK].  
The [Basic] tab will changeover to the [RIP Queue] tab.
- 7 Make sure to click [OK], or processing doesn't start. If you exit using [Cancel], the printing will not be performed.
- 7 A [PostScript Interpreter] bar will launch on your task bar during RIP'ing, followed by a [Print Spooler] bar. Clicking on either of these bars will launch windows that provide information regarding the progress of your job.



#### Point

##### The unit of the Size

Inches or centimeters can be selected as the unit of the print size. From the [Options] menu, click [Inches] or [Centimeters].

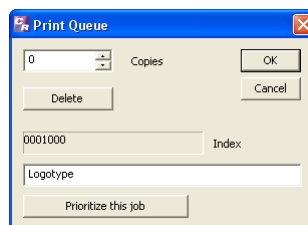
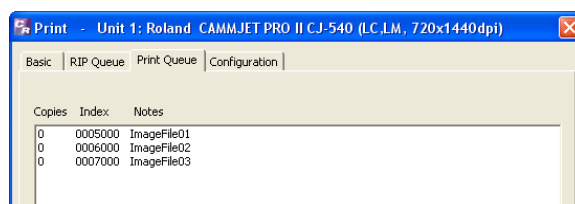
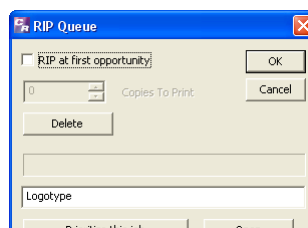
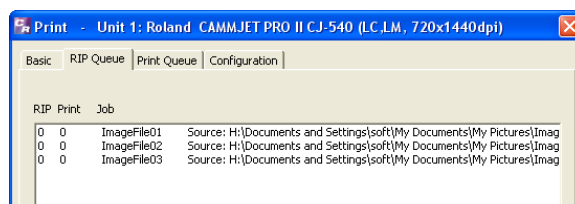
## Step 3: Deleting Jobs

After finishing printing, delete a job by the following procedure.

Although you can leave the job if you want to repeat the same printing, basically don't change the media or the print mode setting while having the job left.

### PROCEDURE

- 1** Click the [Print] menu and click the [RIP Queue] tab.
- 2** Double-clicking the job will bring up the RIP Queue editing menu. When deleting several jobs at one time, hold down the [Ctrl] key or the [Shift] key and click the jobs, and then right-click in the highlighted area.  
Click [Delete] in the RIP Queue editing menu.
- 3** Delete [Print Queue] continuously. Click the [Print Queue] tab.
- 4** Double-clicking the job will bring up the Print Queue editing menu. When deleting several jobs at one time, hold down the [Ctrl] key or the [Shift] key and click the jobs, and then right-click in the highlighted area.  
Click [Delete] in the Print Queue editing menu.
- 5** Click [OK] in the [Print Queue] tab.  
Make sure to exit using [OK]. If you click [Cancel], the delete order will not take effect.



## 2-2 Creating Image Files

### The File Formats COLORIP Supports

The file formats COLORIP supports are the following: PostScript, EPS, PDF, TIFF, JPEG and DCS 2.0.

### Creating Image Files and Sending to the RIP Server

There is no special regulation for creating image files. If the program you're using supports saving files as EPS format, you can use it. Just choose the file format it supports.

To send image files to the RIP server, use Windows file sharing feature. In case of the Macintosh client, use the program such as PC MacLAN, DAVE or Windows 2000 server and the like.

#### **In case of PostScript Files**

There are few programs that can save files as PostScript format directly. In most cases, create the file through a PostScript driver. Choose the driver such as Adobe PS or LaserWriter 8 by the printer settings of your program and perform operations like normal printers.





# ***Part 3:***

## ***Quick Manual***

---

For more detailed information, click [Help] button on a dialog box, or click [Help subjects] from [Help] menu to refer "Roland COLORIP Online Help."

\* A browsing program such as "Internet Explorer" is required to view the online help.

# 3-1 Job Operations

## Stopping RIP'ing or Printing

- 1 Click a [PostScript Interpreter] bar or a [Print Spooler] bar launched on the task bar of Windows.

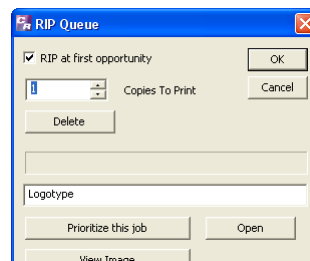
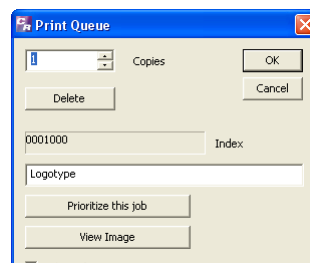
The dialog box appears.

- 2 Click [Cancel]. Click [Yes].  
If printing has already started, perform an operation to cancel the printing on your printer.



## ReRIP and Reprint

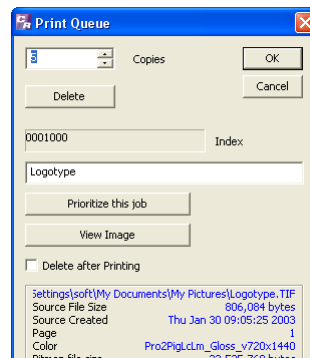
- 1 Click the [Print] menu and double-click the [Print Queue] tab. If the RIP'ing has already finished, the job name is displayed in the [Print Queue] tab window. Double-clicking it will bring up the [Print Queue] editing menu. Enter "1" in the [Copies] window and click [OK].
- 2 If there is no job in the [Print Queue] tab window in the step 1, the RIP'ing hasn't finished yet. Click the [RIP Queue] tab. Double-clicking on the job you want to redo will bring up the [RIP Queue] editing menu. Check [RIP at first opportunity] and enter "1" into the [Copies To Print]. Click [OK]. Then click [OK] again.



## Printing Several Same Images

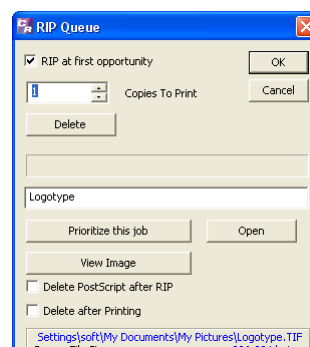
### Printing the Job Which Remained in the Print Queue

- 1 Click the [Print] menu, and click the [Print Queue] tab. Double-click on the job you want to print will bring up the Print Queue editing menu. Enter the number of copies to print in the [Copies] window. Click [OK].
- 2 Click [OK].



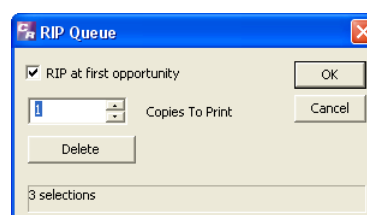
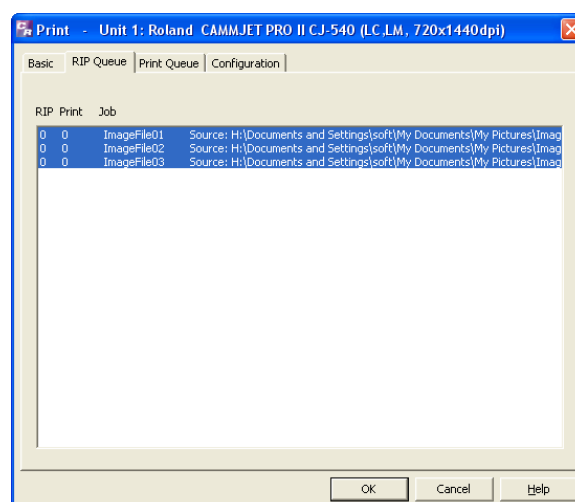
## Redoing from RIP'ing

- 1 Open the image file. Click the [Print] menu and click [Rip and Print]. The [RIP Queue] tab appears. Double-clicking the job has been added to the tab window will bring up the RIP Queue editing menu.
- 2 Enter the number of sheets to print into the [Copies To Print] window. Click [OK].
- 3 Click [OK].



## Printing Several Image Files at One Time

- 1 Open an image file. Click the [Print] menu and click [Add to RIP Queue] and then click [OK].
- 2 Open another image file by the same operation as the step 1, and add it to the RIP Queue. Repeat the same operation until you finish adding all the files to print to the RIP Queue.
- 3 Click the [Print] menu again and click the [RIP Queue] tab. Hold down the [Ctrl] key or the [Shift] key and click the jobs you want to print at one time. Right-clicking in the highlighted area will bring up the Print Queue editing menu.
- 4 Check the [RIP at first opportunity] box and enter "1" in the [Copies To Print] window. Then click [OK].
- 5 Click [OK].



### Point

When printing several image files at one time, you are not able to select the different media or the print mode for each file.

## 3-2 The Detail of Job Operations ([Print] Menu)

The four tabs on the [Print] menu allow you to perform basic printing and RIP'ing, set up job parameters, monitor and change queue order, select print layout mode and other key functions.

### The [Basic] Tab

#### [RIP and Print]

The simplest way to print a job is to open the file, select the [Basic] tab from the Print menu, and press the [RIP and Print] button. When the view changes to the [RIP Queue] tab, press [OK] and your job will be RIP'd and printed.

#### Rip Only

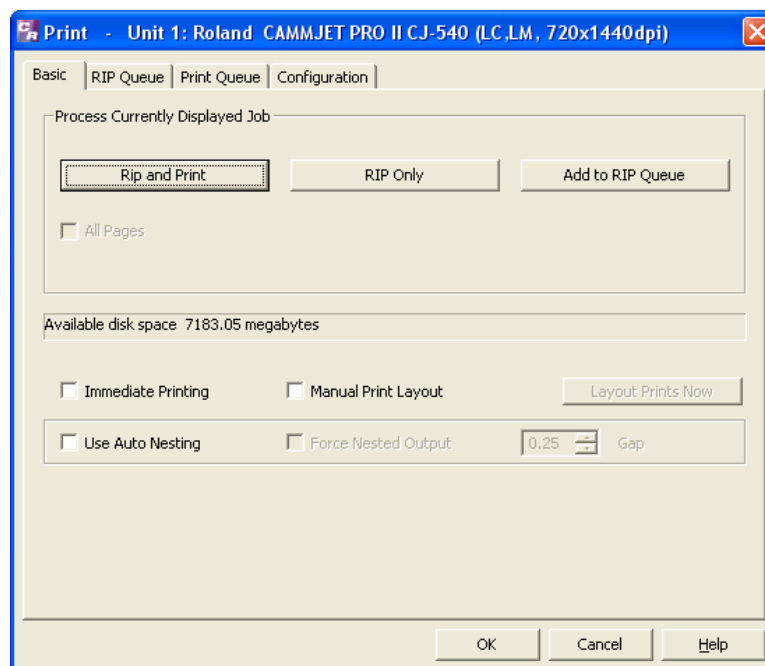
This button does what it says. The file will be RIP'd, but not printed. When you select this button, the [RIP Queue] tab will appear, showing that the file has been added to the RIP queue. Press [OK] to begin processing. After processing, the file will be added to the Print queue. It can later be accessed and printed on the [Print Queue] tab.

#### Add to RIP Queue

This option neither RIP's nor prints the job, but adds it to the RIP queue for processing later. When you select this button, the [RIP Queue] tab will appear, showing that the file has been listed in the RIP queue. You must press [OK] before exiting to add the file to the RIP queue. The file can later be accessed and re-prioritized.

#### Immediate Printing

This toggle box allows you to choose when the printer begins printing your job. When the box is unchecked, the printer will begin printing only after the entire file has been RIP'd. When the box is checked, the printer will begin printing as soon as the RIP has begun generating data. The advantage of this feature is that it can save total processing time. The disadvantage is that it can cause problems with print quality: if the RIP provides data to the printer too slowly, the printer may pause.

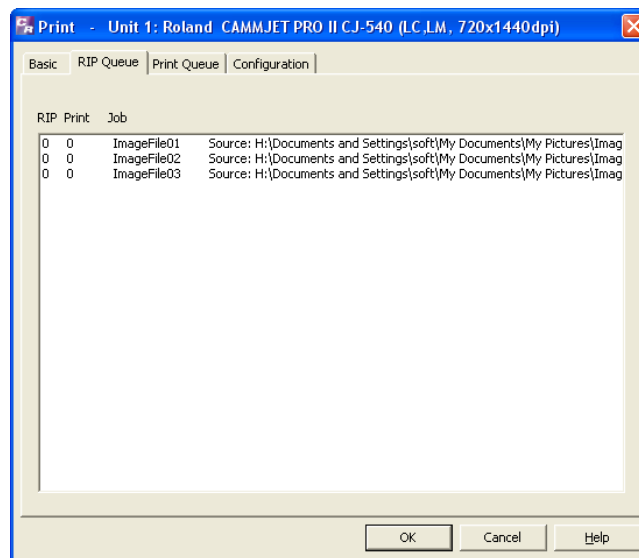


## The [RIP Queue] Tab

Pressing any one of the three processing buttons on the [Basic] tab brings up the [RIP Queue] tab and adds an entry to the RIP queue. The tab window displays an automatically assigned file name and two other columns of information:

In the RIP column, the letter "R" will be displayed if you have pressed either the [Rip and Print] or the [RIP only] buttons. This "flag" indicates that the job will be RIP'd at the first opportunity, in the order it is listed in the queue. If you have selected [RIP and Print], a number will be displayed in the second (Print) column, showing the number of copies to be printed.

If you have selected the [Add to RIP Queue] button, the number "0" will be displayed in the first (RIP) column. The file will not be processed until you change the status of that file in the queue listing in the [RIP Queue] editing menu (next section).



## RIP Queue Editing Menu

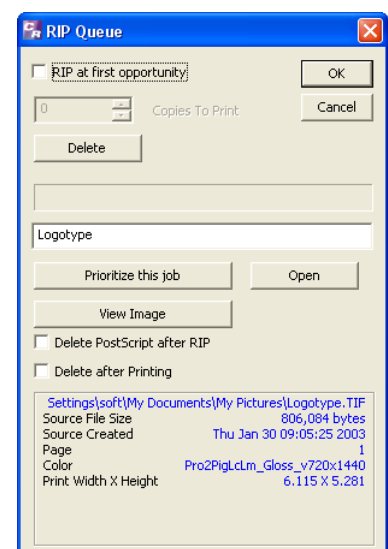
Open the RIP Queue editing menu by double-clicking on an entry. This menu allows you to change the status of a queued file and manage other processing parameters.

### Changing RIP status

The [RIP at first opportunity] check box in the upper left corner allows you to change the status of a waiting file, in other words, to flag a file for RIP'ing. To RIP the file, check this box and exit the menu by pressing [OK]. An "R" will now be displayed in the RIP column next to the highlighted file. To activate the RIP process, you must be sure to exit the [RIP Queue] tab by pressing [OK]. The file will be processed in the order it appears in the queue list and added to the print queue. See the next paragraph for more important information.

### Selecting Number of Copies to Print

When the [RIP at first opportunity] box has been checked, the Copies window will become active. Changing the value in this window from "0" to "1" or more will cause the file to be printed directly after RIP'ing. Leaving this value at "0" will move the file automatically to the Print queue, where it will be displayed with a "0" in the Copies column until you take further action.



### Changing Job Name

By default, the unlabeled window in the center of the RIP Queue editing window displays an automatically assigned job name. You can change the job name by entering a new one. This feature may be useful if you expect to use the file in the future.

### Deleting a File

The [Delete] button is located beneath the [Copies To Print] window. Make sure to exit using the [OK] button, or the delete order will not take affect.

### Changing RIP order

Any file can be moved to the top of the RIP queue list by clicking on the [Prioritize this job] button.

### Opening the file

This feature allows you to access and open a file directly from the RIP queue. This comes in handy if you renamed and/or modified the file after opening the original in the main screen. Select the [Open] button on the RIP Queue editing menu, then exit by pressing [OK] twice.

### Viewing the file

A thumbnail image of the file can be viewed by pressing the [View Image] button. The thumbnail can be enlarged by dragging the edges.

### Delete after RIP'ing or Printing

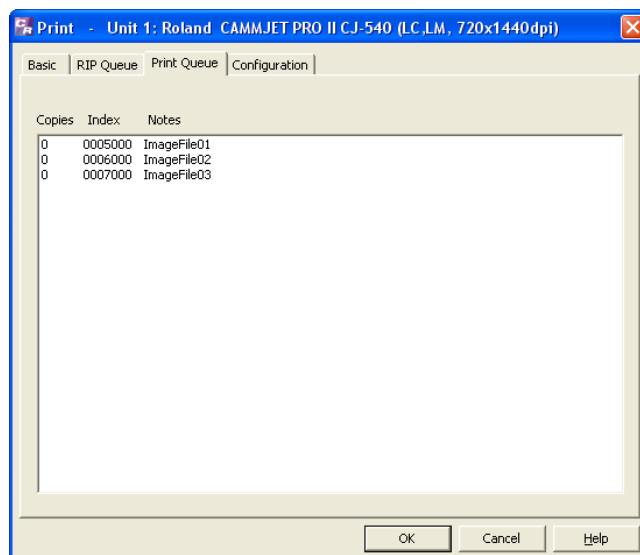
Two check boxes in this menu allow you to conserve disk space when processing jobs you will not need to reprint. [Delete PostScript after RIP] removes the RIP file from memory after RIP'ing. [Delete after Printing] - which may be very large - removes the output files created by COLORIP.

## The [Print Queue] tab

After a job has been RIP'd, an entry is created in the [Print Queue] tab. The [Print Queue] features work much the same as the [RIP Queue].

If you have previously checked [Delete after Printing] in the RIP Queue edit menu, then this entry will "disappear" as soon as output is completed. Otherwise, files that have been RIP'd but not yet printed will be listed in the [Print Queue] tab window. Files that have been printed and not deleted will also remain in the [Print Queue] until deleted. Files are assigned three attributes when placed in the [Print Queue]:

Copies (the number of prints desired), Index (a sequential reference number assigned by COLORIP) and Notes (the same job name as that shown under the Job column in the [RIP Queue] tab window).



## Print Queue Editing Menu

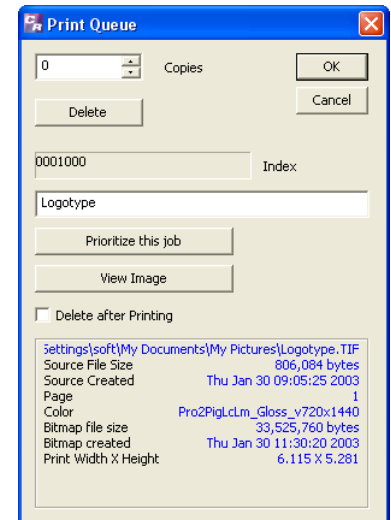
Double-clicking on a file brings up the [Print Queue] editing menu, which allows you to change file attributes and job status.

### Printing a job

Files that have a "0" in the Copies column will not print until you change this number. Entering a new value in the Copies window, pressing [OK], then pressing [OK] again in the [Print Queue] tab will cause the job to print.

### Changing Job Name

The unlabeled window in the center of the Print Queue editing menu displays either an automatically assigned job name, or an edited name you have previously changed in the [RIP Queue] editing window. (The Notes column in the [Print Queue] tab window displays the same information as the Job column in the [Rip Queue] tab window.) You may change the job name by entering a new name in this window. This feature may be useful if you expect to use the file in the future.



### Deleting a File

The [Delete] button is located beneath the [Copies] window. Make sure to exit using the [OK] button, or the delete command will not take effect.

### Changing Print order

Any file can be moved to the top of the [Print Queue] list by clicking on the [Prioritize] this job button.

### Viewing the file

A thumbnail image of the file can be viewed by pressing the [View Image] button. The thumbnail can be enlarged by dragging the edge.



## Point

### Highlighting multiple queue entries

In both the [RIP Queue] and [Print Queue] tabs, limited simultaneous operations can be performed on multiple queue listings. Select files with the [Shift] or [Control] keys using the standard Windows methods. Right-clicking in the highlighted area will bring up the modified RIP Queue or Print Queue editing menu.

### Press [OK] Before Exiting:

If you don't click on [OK] when you exit the [RIP Queue] or [Print Queue] tabs (as opposed to clicking on Cancel), the changes you have made will be discarded.

### Queued file not printing:

Files in the [Print Queue] that have the number "1" or greater displayed in the Copies column should print in the order they are listed. If they are not printing, it may be because [Use Auto Nesting] or [Manual Print Layout] has been checked and "left on". Uncheck the appropriate box and printing should begin.





## ***Part 4:***

# ***Contour Cutting***

---

## 4-1 Contour Cutting

COLORIP can extract cutting paths from PostScript jobs created in Corel Draw, Adobe Illustrator and QuarkXpress.

Paths created with a spot color name such as "CutPath" will be shown as animated blue and white dashed lines on COLORIP's preview screen. When output to a print-and-cut inkjet device, the paths shown will be cut. The figure shows artwork created for a label using ordinary colors. The dashed blue lines indicate where the "CutPath" spot color was used. When this job is sent to a print-and-cut device, the color image will be printed, then the knife will cut out the label on the paths.



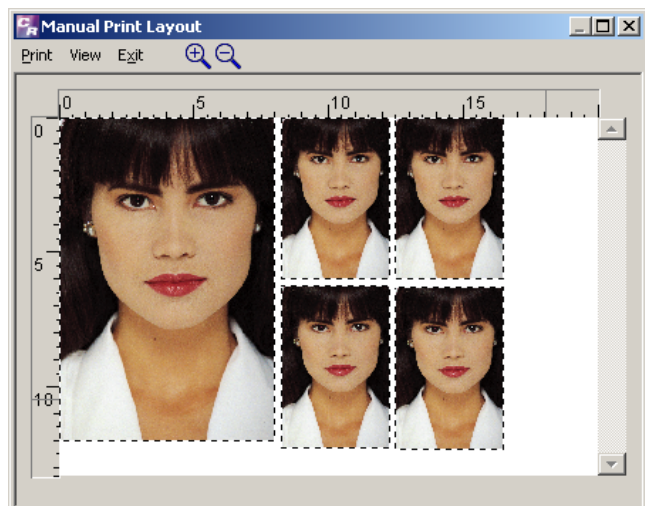
### Activating Cut Path Processing

To activate processing of cut paths for a print-and-cut inkjet device, select [Options] from the main screen, then select [Cutting]. Check the [Process Cutting Paths] box on the Cutting menu. If you're printing multiple images using the Auto nesting or Manual Print Layout features, the cutting path will be correctly duplicated and registered for every copy.

The [Process Cutting Paths] tool is not just for print and cut applications. It can also be used with ordinary vinyl cutters for such tasks as cutting lettering with complex paths.

### Outline Jobs

Checking the [Outline Jobs] box on the [Cutting] menu causes rectangular cutting paths to be generated at the edges of each image in a layout. This feature is useful for producing work such the photographic package job.



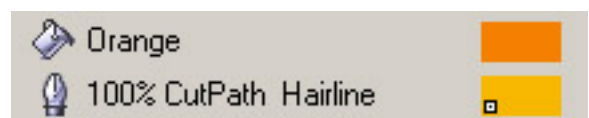
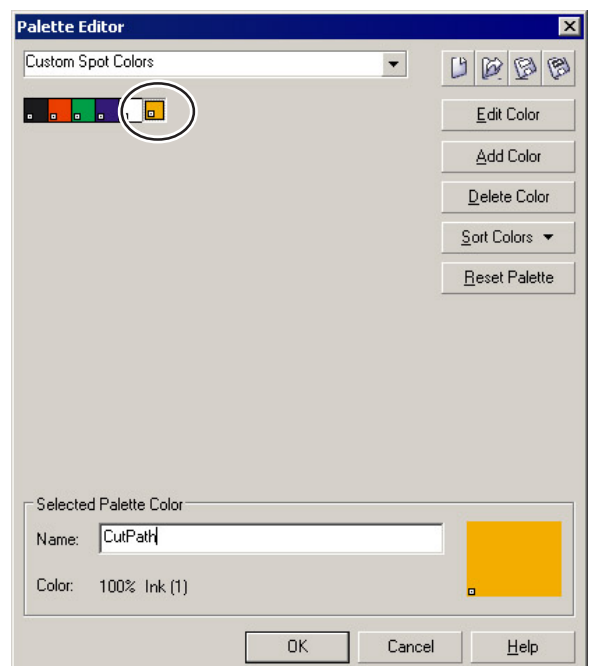
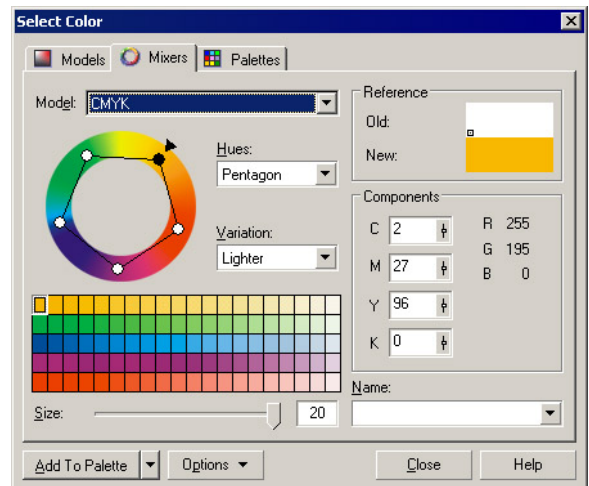
## 4-2 Creating Cut Path in Specific Applications

### Creating a CutPath in Corel 9, 10 and 11

The following tech note will walk you through creating a CutPath to use with COLORIP from Corel Draw 9, 10 and 11.

#### PROCEDURE

- 1** Click on [Tools] and select [Palette Editor]. Or Click [Windows]-[Color Palettes]-[Palette Editor].
- 2** From the drop down menu select [Custom Spot Color]. Corel Draw 9 users will find this option under [User Defined Inks].
- 3** To create a new spot color, click on [Add Color].
- 4** When the [Select Color] window opens, click on the [Mixers] tab.
- 5** Select any color you want from the color wheel.
- 6** Click on [Add to Palette], then click on [Close].
- 7** Change the Name of the Selected Palette Color to [CutPath]. Click on [OK] to save the settings. For COLORIP to recognize the cutting path, the name must be "CutPath" exactly as it appears here.
- 8** To apply the cut path to your artwork, click on the Outline Pen.
- 9** Select the "CutPath" spot color. [Width] should be set to [Hairline].
- 10** When done, save or print your artwork to create a .ps or .eps file.

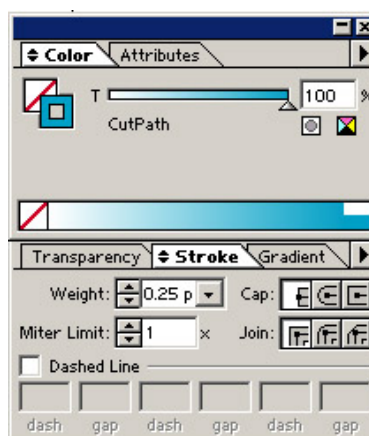
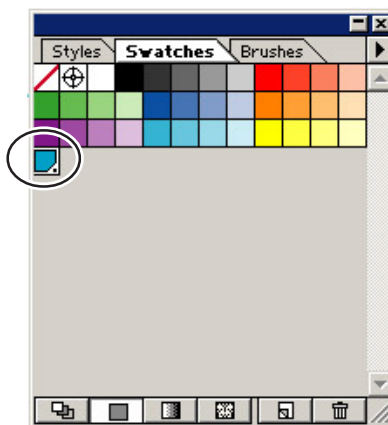
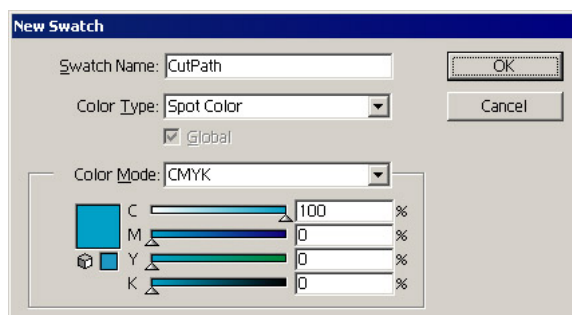


### Creating a CutPath with Adobe Illustrator 8, 9 and 10

The following tech note will walk you through creating a CutPath to use with COLORIP from Adobe Illustrator 8, 9 & 10.

#### PROCEDURE

- 1** Start by creating a new blank document.
- 2** Click on [Window] and select [Show Swatches].
- 3** Click on [Window] and select [Show Stroke].
- 4** To create a new Swatch you can click on the right arrow of the [Swatch] window and select New Swatch.
- 5** The Swatch name must be "CutPath", exactly as it appears here.
- 6** The [Color type] must be [Spot Color].
- 7** The [Color mode] may be set to any color space you choose. Whatever color you select, COLORIP will replace this color with "marching ants" along the cut path.
- 8** Click OK to save the swatch.
- 9** From the [Stroke] Tab, apply the following settings.  
Weight: 0.25  
Miter Limit: 1
- 10** For Illustrator 9 and 10 users, the Transparency options need to be set to Normal Opacity at 100%.
- 11** Select the [Stroke Color] and then select the "CutPath" color swatch.
- 12** Create your artwork with the CutPath stroke around the art you wish to have cut out.
- 13** When done, save or print your artwork to create a .ps, or .eps, file.



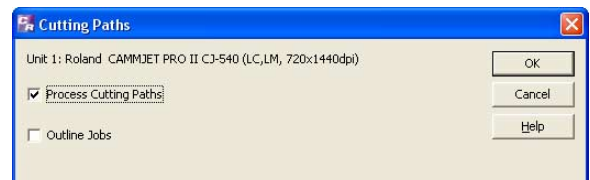
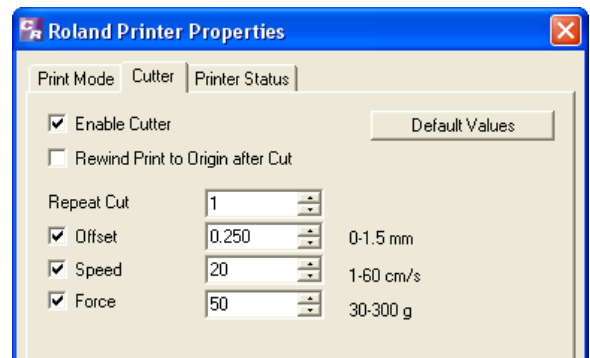
## 4-3 Operation Using Print-and-Cut Devices

### Printing and Cutting

After the image is printed, the media is automatically rolled back and cut out. Follow the procedure below when printing and cutting on one device.

#### PROCEDURE

- 1 Click the [Print] menu and click the [Configuration] tab. Then click [Properties] and click [Cutter].
- 2 Check the [Enable Cutter] box, set up the cutting condition. Then click [OK].
- 3 Click [OK] to exit the [Print] screen.
- 4 From the [Option] menu, click [Cutting] and check the [Process Cutting Paths] or the [Outline Jobs] box. You can also check both boxes at the same time. Click [OK].
- 5 Open the image file and perform RIP'ing and printing.

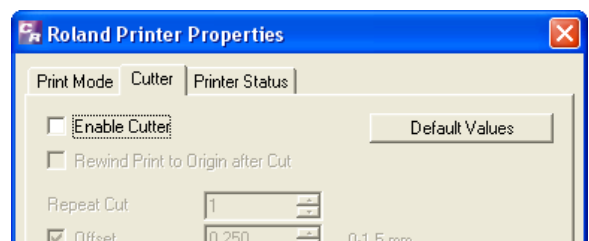
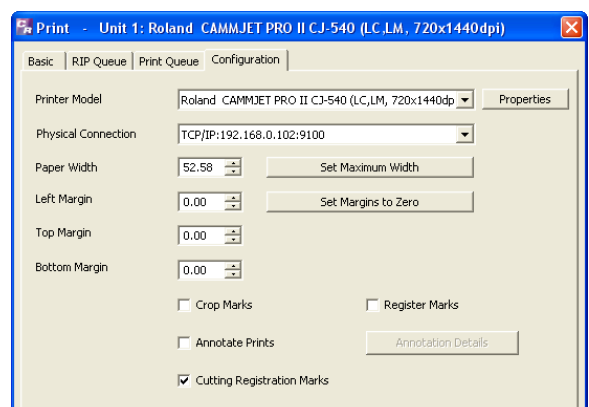


### Cutting after Lamination

Printing crop marks for alignment and using them lets you remove media after printing, then load it again and perform cutting, positioning it accurately. In this case, only printing is performed first and then only cutting is performed after reloading the media.

#### PROCEDURE

- 1 Click the [Print] menu and click the [Configuration] tab. Check the [Cutting Registration Marks] box.
- 2 Click [Properties] and click [Cutter] tab. Clear the [Enable Cutter] box then click [OK].
- 3 Click [OK].



- 4 From the [Options] menu, click [Cutting] and check the [Process Cutting Paths] or the [Outline Jobs] box. You can also check both boxes at the same time.

This operation means the cutting data (the cutting queue) is created in advance when printing.

- 5 Open the image file and perform RIP'ing and printing.

Only printing is performed and the cutting data is added in the "Cut Queue."

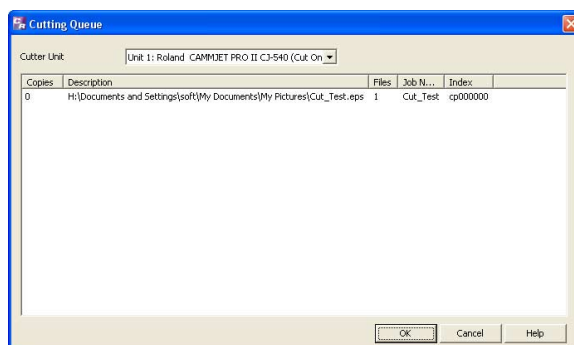
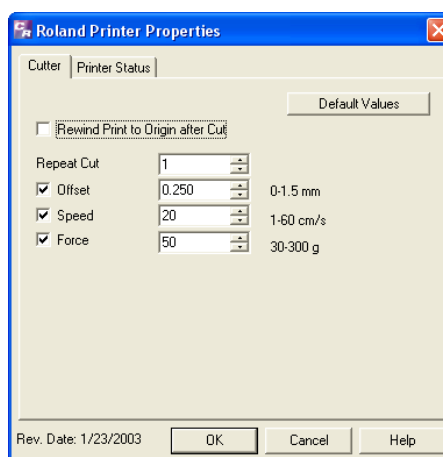
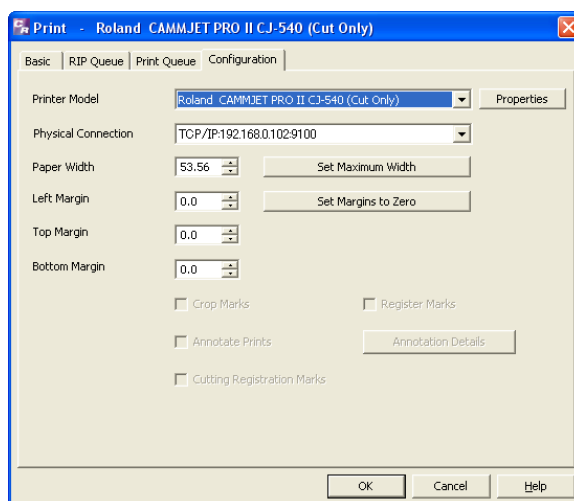
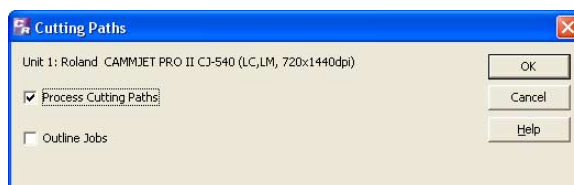
- 6 After performing lamination or the like, reload the media and perform the alignment on the printer.

- 7 Click the [Print] menu and click the [Configuration] tab. Select the printer with "Cut Only", such as [Roland CAMMJET PRO II CJ-540 (Cut Only)] from the [Printer Model] box. Set both [Left Margin] and [Top Margin] to "0."

- 8 Click [Properties] and set up the cutting conditions. Click [OK]. Click [OK] again to exit the [print] screen.

- 9 From the [File] menu, click [Cutting Queue]. Double-click the job created in the step 5 and enter "1" in the [Copies] window. Click [OK].

- 10 Click [OK] in the [Cutting Queue] window. Cutting is performed.

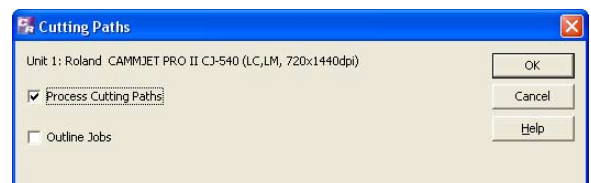
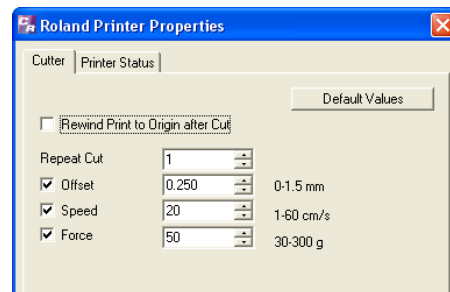
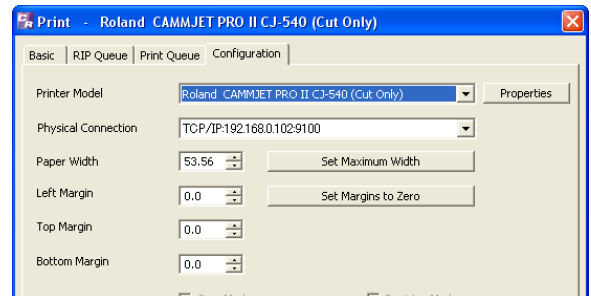


## Cutting Only

Follow the procedure below when cutting only.

### PROCEDURE

- 1** Click the [Print] menu and click the [Configuration] tab. Select the printer with "Cut Only", such as [Roland CAMMJET PRO II CJ-540 (Cut Only)] from the [Printer Model] box.
- 2** Click [Properties] and set up the cutting conditions. Click [OK]. Click [OK] again to exit the [print] screen.
- 3** From the [Options] menu, click [Cutting] and check the [Process Cutting Paths] or the [Outline Jobs] box. You can also check both boxes at the same time.
- 4** Open the image file and perform RIP'ing and printing. Only cutting is performed.



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